

# Oil Gobbler™ Degreaser



**Heavy duty bio-enzyme degreaser with superior hydrocarbon remediating properties which corrects C.O.D., T.P.H. and other water effluent discharge requirements while eliminating waste disposal costs while reducing health and safety risks.**

#### **Natural Bioremediation:**

Oil Gobbler™ simply degreases better! Bio-remediation is the process of using bio-enzymes to degrease far more effectively than solvent based degreasers while converting these hazardous oils and greases into carbon dioxide and water. Companies can save a fortune by avoiding expensive water effluent discharge fines by addressing C.O.D. discharge pollution requirements, eliminating hazardous waste, reducing health and safety risks, and prolonging vehicle and sign writing life.

#### **Massive Cost Savings:**

Oil Gobbler™ provides enormous multiple factor cost savings to organizations. It degreases quicker and more effectively, saving time labour. It addresses water effluent C.O.D. discharge requirements by correcting waste water pollution, where solvent degreasers worsen

the problem, and increase fines payable. It significantly prolongs engine and vehicle component lifespan. It's a well-known fact that solvent based degreasers cause long term havoc with expensive rubber and plastic components in engines and on vehicles. The water-based formula in Oil Gobbler™ solves this problem, while forming a protective layer on metals. Solvent degreasers also fade signwriting on trucks, busses and vehicles. This is another hidden cost to companies. Oil Gobbler™ avoids this problem. Then there is the actual cost of product. Many degreasers must be used undiluted or lightly diluted. Oil Gobbler™ costs nearly the same on a litre for litre basis, but the digestive microbes allow it to be diluted many times further for great monthly chemical spend savings.

#### **Product Description:**

Oil Gobbler™ is a powerful water-based bio-remediating cleaner with superior degreasing capabilities which eliminates waste disposal costs and health and safety risks. It effectively converts petrol, diesel, motor oils, fuel oils, grease, antifreeze, hydraulic, brake, ATF, cutting fluids, as well as heavy synthetic oils and greases into carbon dioxide and water. Oil Gobbler™ prevents slip-and-slide accidents by removing greasy films, leaving surfaces dry and oil-free. It reduces the ability of flammable hydrocarbons to ignite making it

ideal for oil, fuel tank and confined space cleaning.

#### **International Benchmark:**

The hydrocarbon degrading microbes used by a well-known international petrochemical company were independently laboratory tested against the indigenous microbes in found in Ecozyme's Oil Gobbler products. The comparison showed a near identical Total Petroleum Hydrocarbon (T.P.H.) degradation. An unexpected result showed the Oil Gobbler™ microbes degrading waste at a staggering 20% faster rate with profound further cost, performance and environmental advantages.

#### **Enzyme Cleaning Explained:**

Oil Gobbler™ microbes are so powerful that they quickly remove even the heaviest build-ups of oil, grease and grime from the toughest environments, outperforming even the harshest solvent based degreasers. Ecozyme microbes rapidly secrete massive concentrations of digestive enzymes to permanently convert hydrocarbons into water and carbon dioxide, in an ongoing and repeating process.

#### **Using Soils To Clean Better:**

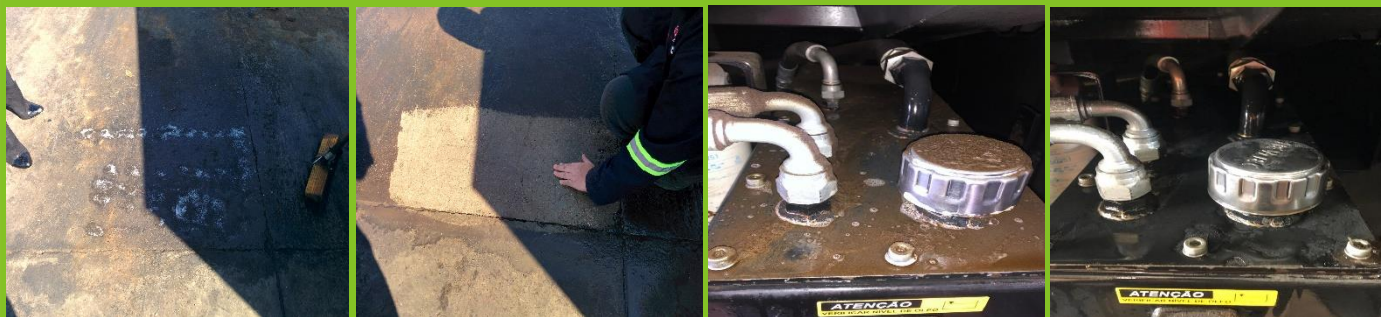
The raw cleaning power provided by Oil Gobbler™ converts fatty soils into readily dissolvable soaps, thus turning them into an extra free

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cleaning agent, which further contributes to the emulsification and removal of greases and oils. This extra cleaning power also neutralizes acid soils, while breaking down proteins and starches.

## Proprietary Buffer Action:

Acidic greases significantly lower the pH of cleaning solutions to well below optimum levels for great results. Oil Gobbler™ is an excellent buffer and the effect of acidic greases is nullified, keeping the solution at a constant pH over an extensive loading of acidic greases, ensuring its effectiveness in cleaning functions involving the conversion of greases and oils, and the suspension of particulate soils.

## Science of Cleaner Surfaces:

Any effective cleaning process involves removing the soil from the surface, dispersing the soil in the solution and preventing re-deposition of the soil on the surface. Oil Gobbler™ contains an optimum formulation for heavy duty cleaning which involves the removal of high loadings of fatty and oily soils and particulate soils. These grease and dirt deposits are scattered into small suspended particles that are easily rinsed away without re-depositing on freshly washed surfaces. Oil Gobbler™ removes particulate soils by charging both the soil and the surface with negative charges. The soil is broken into fine particles,

making them easier to remove and easier to suspend in the solution. The negative charge of Oil Gobbler™ has an additive effect on the negative charge of the particulate soil. The repelling forces keep the particles apart and prevent them from agglomerating and forming larger particles.

## Corrosion Inhibitor:

When metals, glass and ceramic surfaces are cleaned with Oil Gobbler™, a natural protective barrier is formed protecting against harsh detergent ingredients such as phosphates, synthetic detergents and other alkalis. The active ingredients in Oil Gobbler™ are negatively charged and adsorb onto metal surfaces forming a thin corrosion inhibiting monomolecular film which inhibits corrosion. The film does not build on itself and will not form excessive scale. The film is an electrical insulator and blocks the electrochemical reactions of corrosion, yet is thin enough that it does not obstruct water flow.

## Applications:

Oil Gobbler™ is exceptional for removing oil and grease from garage forecourts, parking garages, drive-throughs, concrete floors, workshops, warehouses, tools, engines, wheels, car parts, car washes, aircraft carriers, ships, trucks, metals, fuel and oil tanks and much more.

## Features of Product:

- ✓ Remediates hydrocarbons into water and carbon dioxide
- ✓ Easily applied with mops, auto floor scrubbers, and high pressure degreaser equipment
- ✓ Removes oil and grease from surfaces which prevents slip-and-slide accidents.
- ✓ Compatible with all type oil / water cleaning systems
- ✓ Water based
- ✓ Forms protective film on metals
- ✓ Non-toxic, non-corrosive
- ✓ Eliminates 100% disposal costs

## Dilutions & Application:

Heavy Soils: Undiluted to 1:5 water.

Medium Soils: 1:10 with water

Light Soils: 1:30 to 1:100

For best results, wash clean with a high-pressure hose. Works instantly. For thick greases, allow a 5 to 10 minute contact time.

## Safety Precautions:

Wear Personal Protective Equipment (P.P.E.'s) at all times.

## Packaging, Shelf Life, Storage

Stable for 12 months at ambient temperature, out of direct sunlight. Available in 5L, 25L & 1000L flow bins. Super concentrate available for simple self-manufacturing while saving greatly on shipping costs.

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